

What Is Claimed Is:

1. A door closer which can be applied to various kinds of small-or big-sized opening and closing doors, wherein a doorframe mounting device 8 to which an
5 additional supporter 8a can be mounted, is assembled to one end of a cylinder 1 that is a body; a door mounting device 9 is assembled to the other end of the cylinder passing through a piston rod 3; a speed adjustment bolt 6a and a fine speed adjustment bolt 6b are mounted to the edge of the both ends of the cylinder 1; a piston 2, the piston rod 3, a spring 5, and a cylindrical shaped spring guide are mounted in the cylinder, the
10 cylindrical shaped spring guide serving to protect the inner wall of the cylinder from the spring while the spring compresses and expands and enable the spring to evenly expand and compress, and being assembled between the spring 5 and the piston 2; a hydraulic oil containing a small amount of air is filled in the cylinder; and a force adjustment nut 7 which is essentially required for installation of the door closer and
15 adapted to adjust the opening and closing force of the door is assembled between the piston rod 3 and the door mounting device 9.